

**BEGIN !**

REEL # 182

HORODNICEANU, N.

RUMANIA / Chemical Technology, Chemical Products and Their Application. Caoutchouc, Natural and Synthetic. Rubber. H-31

Abs Jour : Ref Zhur - Khimiya, No 5, 1959, No. 17726

Author : Cosmescu, C.; Horodniceanu, N.

Inst : Not given

Title : Employment of Diatomites as Active Filler in the Rubber Industry

Orig Pub : Ind. uscara, 1957, 4, No 7, 293-297

Abstract : Possibilities of employing diatomaceous materials of local origin in the rubber industry were investigated. Since 1956 they were used in Rumania under a trade name "Diasil" as a promoter in large quantities.

Card 1/1

RASIDESCU, Stefan, ing.; HORODENICEANU, Nicu, ing.; NITESCU, Elena, ing.

Characterization of inorganic charges used in rubber industry.  
Industria usoara 9 no.1:5-11 Ja '62.

RASIDESCU, Stefan, ing.; HORODNICEANU, Nicu, ing.; NITESCU, Elena, ing.

Oxidation of stereospecific elastomers. Industria uscare 11  
no.6:304-307 Ia '64.

NITESCU, Elena, ing.; HORODNICEANU, Nicu, ing.

Reducing the curing time in hot air. Industria usocara 10  
no.5:187-190, 207 My '63.

SASARMAN, A.; HORODENICEANU, Thea; GELTAENCO, Viorica; ANTONI, Maria;  
SURDEANU, Marietta

Properties of dwarf colonies of *S. typhimurium* obtained with  
the use of neomycin and streptomycin. Arch. Roum. path. exp.  
microbiol. 23 no.4:911-918 D '64.

1. Travail de l'Institut "Dr. I. Cantacuzino", Service des  
Cultures microbiennes. Submitted June 14, 1964.

VOYKULESKU, M. [Voilescu, M.]; NOYMAN, M.; IONESCU, G. [Ionescu, G.];  
VALERIU, Anna; KHORODNICHANU, Teya [Horodnicianu, T.]

Severe and fatal cases induced by Sh. Sonnei. Zhur.mikrobiol.epid.  
i immun. 30 no.7:57-59 JI '59. (MIRA 12:11)

1. Iz kliniki infektsionnykh bolezney Kolentina (Bukharest).  
(DYSENTERY BACILLARY compl.)



LEONARD, Y.  
BUCURE (in copy); Given Names

Country: Rumania

Academic Degree: Dr.

Affiliation: [not given]

Source: Bucharest, Microbiologia, Parasitologia, Epidemiologia, No 3,  
May-Jun 1961, pp 271-277.

Data: "The Value of Phagodiagnosis in Dysentery."

Co-author:

HOHODNICEANU, Thea, Dr.

[affiliation not given]

HORODNICEANU, THEA (R)

SURNAME (in caps); Given Names

Country: Rumania

Academic Degrees:

Affiliation: -not given-

Source: Bucharest, Microbiologia, Parazitologia, Epidemiologia, Vol VI,  
No 5, Sep-Oct 1961, pp 421-423.

Date: "Contributions to the Study of the Methods Applied for the  
Isolation of Cl. perfringes. Note II. Isolation of Cl. perfringes  
from Foodstuff (Sausages) by the Enrichment Technique at  
46 to 47 Degrees Celsius."

Authors:

SASARMAN, A., -Dr.-

HORODNICEANU, Thea, -Dr.-

SOIOMON, Eugenia, -Dr.-

MILOSESCU, P., -Dr.-

DOSPINA, Maria, -Technician.-

SASARMAN, A.; HORODNICEANU, Thea; avec la collaboration technique de  
DOSPINA, Maria

Contributions to the study of methods of isolation of *Cl. perfringens*.  
I. A new enrichment method for the isolation of *Cl. perfringens* by  
coproculture. Arch. Roum. path. exp. microbiol. 20 no.3:471-478  
S '61.

1. Travail de l'Institut "Dr. I. Cantacuzino" Service des Cultures  
Microbiennes.

(*CLOSTRIDIUM PERFRINGENS* culture) (FECES microbiology)

EUSTATZIOU, Silvia; EUSTATZICU, G.; ANTOHI, Maria; HORODNICEANU, Thea;  
RUSU, V.; ALEXANDRESCO, A.

Contribution to the study of the biology of Klebsiellae. IV.  
Serological typing; relations between the physiological reactions,  
virulence, phage sensitivity and serological type. Arch. roum.  
path. exp. microbiol. 21 no.1:131-142 Mr '62.

1. Travail de l'Institut "Dr. I. Cantacuzino" --- Service des Cultures  
Microbiennes et du Laboratoire de Bacteriologie de la Section de  
l'Institut Dr. I. Cantacuzino de l'Hopital de Colentina.  
(KLEBSIELLA)

SASARMAN, A.; HORODNICEANU, Thea. Collaboration technique: CIULLEY, Rodica

Genetic recombination in *E. coli* dwarf colony variants. Preliminary note. Arch. roum. path. exp. microbiol. 23 no.3:547-550  
S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cultures Microbiennes, Bucarest.

SASARMAN, A.; HORODNICEANU, Thea. Collaboration technique: CIULEY,  
Rodica

The use of neomycin for obtaining variants with small (dwarf)  
colonies in the Salmonella genus. Arch. roum. path. exp. micro-  
biol. 22 no. 4:1101-1110 S-D '63.

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cul-  
tures Microbiennes.

SASARMAN, A.; HORODNICEANU, Thea; GRITAENCO, Viorica; ANTOHI, Maria;  
SURDEANU, Marieta.

Contribution to the study of the isolation of *Cl. perfringens*.  
IV. Effect of incubation at 46° - 47° on the isolated strains.  
Arch. roum. path. exp. microbiol. 23 no.3:697 - 704 S'63

1. Travail de l'Institut "Dr. I. Cantacuzino"; Service des Cultures Microbiennes, Bucarest.

SASARMAN, A., dr.; HORODNICEANU, Thea, dr.

The laboratory diagnosis of infections caused by *Clostridium perfringens*. Microbiologia (Bucur) 9 no.6:493-510 N-D '64

1. Lucrare efectuata in Institutul de Microbiologie, parazitologie si epidemiologie "Dr. I. Cantacuzino", Bucuresti.



HORODYNSKI, Boguslaw

~~Treatment of paradontic disease with vernix caseosa.~~ Czas.stomat.  
8 no.8:301-308 Aug '55.

1. Z Zakladu Stomatologii Zachowawczej A M w Krakowie. Kierownik:  
dr J. Wodniecki, Krakow, ul. Smolensk 25, Zaklad Stom.Zachowaw-  
czej.

(SEBUM,  
vernix caseosa, ther. of dis. of periodontium)  
(PERIODONTIUM, diseases  
ther.,vernix caseosa)

HORODYNSKI, E.

"Narozno method of producing sugar-beet seed." (p. 35). NOWE ROLNICTWO  
(Panstwowe Wydawnictwo Rolnicze i Lesne) Warszawa, Vol 3, No 2, Feb. 1954.

SO: East European Accessions List, Vol 3, No 8, Aug 1954.

HORODYSKA, M.; KREINER, J.

The brain ventricles of the dog: Acta biol. exp. 22 no.4:243-250 '62.

1. Department of Comparative Neuroanatomy, Jagellonian University,  
Cracow and Laboratory of Neuroanatomy, The Nencki Institute of  
Experimental Biology, Warsaw, Poland.  
(CEREBRAL VENTRICLES) (DOGS)

POLAND / Cultivated Plants. Forage Crops.

M-5

Abs Jour: Ref Zhur-Biol., 1958, No 16, 73016.

Author : Hoffmannowa, A.; Horodyski, A.

Inst : Not given.

Title : The Influence on Winter Rape Harvest of the Seed  
Planting Rate Depending on Quantity of Nitrogen  
Fertilizer Applied and Thinning of Dense Planting.

Orig Pub: Roczn. nauk rolniczych, 1956, A73, No 4, 603-621.

Abstract: A discussion of results of experiments conducted by different scientific-research establishments of Poland and Germany for the period from 1931 to 1953: application of 1.3 c/ha of nitrogen fertilizer gave an average harvest of winter rape of 13.8 c/ha, application of 2.8 c/ha - 15.9 c/ha. Increase of seedling norms of seeds from 5 to 10 kg/ha had no influence on the harvest of seeds. Thinning the rape in

Card 1/2

POLAND / Cultivated Plants. Commercial, Oleaceous, M-4  
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6359

Author : Horodyski, Andrzej

Inst : Not given

Title : Top Dressing Summer Rape with Nitrogen

Orig Pub : Wydawn. własne, Inst. uprawy, nawożenia i  
gleboznawstwa, 1957, No 61, 127-133

Abstract : Following variants of introduction of N were  
applied in field experiments (1953-1955):  
1) 20 before sowing, 2) 40 before sowing,  
3) 60 before sowing, 4) 20 before sowing + 40  
before formation of buds, 5) 40 before sowing  
+ 20 before formation of buds, 6) 20 before  
sowing + 40 before blooming, 7) 40 before  
sowing + 20 before blooming, 8) 20 before sowing

Card 1/2

POLAND / Cultivated Plants. Commercial, Oleaceous, M-4  
Sugar Bearing.

Abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6359

+ 20 before formation of buds + 20 before  
blooming. The introduction of N was always  
effected with a background of P<sub>30</sub> and K<sub>60</sub>.  
The division of the application of N in two  
doses (before sowing and in the budding period)  
had no effect on the yield. The division of  
the dose in three equal parts (before sowing,  
before budding and before blooming) produced  
the greatest increase of yield. The fat  
content of seeds diminished with the increase  
in the dose of N. The greatest decrease  
took place, when N was introduced before the  
period of formation of buds or before blooming.  
The doses and the time of introduction of N had  
little effect on the absolute weight of seeds.

Card 2/2

POLAND / Cultivated Plants. Commercial, Oleaceous,  
Sugar Bearing.

M-4

abs Jour : Ref Zhur - Biologiya, No 2, 1959, No. 6348

the highest was 50% greater for all 3 elements. The width of the spaces between rows was 60 and 50 cm and the distance in rows was 20, 30 and 40 cm. The increase in doses of fertilizer in comparison with the lowest amount did not increase the productivity and oiliness of the plant. The highest yield of seeds was obtained when the plants were disposed according to the following diagram: 60 x 40 and 60 x 30. The yield was higher when the distance between rows was 60 cm, than 50 cm. The highest degree of oiliness was obtained when the plants were disposed as follows: 60 x 30 cm.  
-- A. M. Smirnov

Card 2/2

95

11-APR-07 09:11, D.  
POLAND/Human and Animal Morphology - Digestive System

Q-3

Abs Jour : Referat Zhur - Biologii, No 16, 1957, 70298

Author : Horodyski, B.

Title : Tentgenodiagnosis in Alveolar Pyorrhea.

Orig Pub : Czasop. stomatol., 1956, 9, No 2, 67-72

Abstract : No abstract.

Card 1/1

- 52 -

HASLINGER, R.; HORODYSKI, B.; REISS, J.

Effect of desogen on *Trichomonas vaginalis*. *Wiadomosci parazyt.*, Warsz.  
4 no.5-6:565; Engl transl. 566 1958

1. Z Zakladu Mikrobiologii i Zakl. Stomatologii Zachowawczej Ak. Med.  
w Krakowie.

(*TRICHOMONAS VAGINALIS*, effect of drugs on.  
desogen (Pol))

(*ANTISEPTICS QUATERNARY AMMONIUM*, effects,  
desogen on *Trichomonas vaginalis* (Pol))



POLAND / Human and Animal Morphology (Normal and  
Pathological). Digestive System.

S

Abs Jour : Ref. Zhur - Biologiya, No. 3, 1959, 12274

Author : Horodyski, Boguslaw

Inst : -

Title : Experimentally-Induced Parodontopathic Changes  
in the Parodontium of Rabbits.

Orig Pub : Czasop. stomatol., 1958, 11, No. 2, 81-94

Abstract : In 10 rabbits, the third branch of the trigeminal  
nerve was stimulated with croton oil. No changes  
were discovered, clinically and roetgenologically.  
It was established histologically that microscop-  
ic changes depend on the duration of the period  
which has passed since the nerve stimulation.  
In the beginning, vascular changes are noted:

Card 1/2

POLAND

GUTTEN, Eugeniusz, HOJDYSKI, Augustaw, and SZYMALSKI, Irena; Department of Preventive Stomatology (Zaklad Stomatologii Zachowawczej) (Director: Docent, Dr. J. LEBNIECKI) and Department of Histology (Zaklad Histologii) (Director: Prof. Dr. J. ACKERMAN), both of the AM [Akademia Medyczna, Medical Academy] in Krakow

"Effect of Riebler's Paste on the Tissues Surrounding the Tooth."

Warsaw-Krakow, Przegląd Lekarski, Vol 19, Ser II, No 7, 31 Jul 63, pp 326-329

Abstract: In connection with manufacturers' caution not to introduce Riebler's paste beyond the apical opening of the tooth, the authors undertook an experimental study of the effect of this paste in rabbits. They describe procedure, clinical observations, and histological study, and tabulate their findings. Injection of the paste into the mandibular bone caused infection, damage to blood vessels, and clearly demarcated infiltration into the bone and soft tissue, which spread in time. In control animals, receiving neutral paste, scar tissue started forming after 3 days. 3 Polish references. 1/1

- END -

1586

CSG: 2000-X

16

GWIZDEK, Eugeniusz; HORODYSKI, Boguslaw; SZAFRANIEC, Irena

Effect of Riebler's paste on the tissues surrounding the tooth.  
Przegl lek 19 no.7:326-329 '63.

1. Institute of Conservative Stomatology, School of Medicine,  
Krakow; head: Doc. dr J. Wedniewski and Institute of Histology,  
School of Medicine, Krakow; Head: Prof. dr med. J. Ackermann.

L 32781-66

ACC NR: AP6023801

SOURCE CODE: PO/0022/65/000/008/P253/P254

AUTHOR: Horodyski, R. (Master engineer); Goldberg, S. (Master engineer)

ORG: Magnetic Measurements Laboratory, Magnetic Components Works, Tele- and Radio Engineering Institute (Pracownia Miernictwa Magnetycznego Zakladu Podzespolow Magnetycznych Instytutu tele- i Radiotechnicznego)

TITLE: Instrument for measuring the loss factor of transformer cores

SOURCE: Przegląd telekomunikacyjny, no. 8, 1965, Supplement, 253-254

TOPIC TAGS: electric measuring instrument, electronic circuit

ABSTRACT: The article describes the principle and operation of a novel instrument developed at the Institute for measuring the loss factor of E-type transformer cores. Its basic components are a Maxwell-Wien bridge somewhat modified, a test yoke, a selective balance indicator and supply circuits. The measurement consists of determining the real and imaginary components of the bridge circuit impedance which signify the losses and the susceptibility respectively. A pictorial view and a schematic diagram of the device are shown, technical performance data are listed. Orig. art. has: 3 figures and 2 formulas. [JPRS]

SUB CODE: 09 / SUBM DATE: none

Card 1/1 JS

HOROCHOVA, Z.; VOTAVA, Z.

Effect of various drugs on toxic activity of certain phenylbutazones  
on the gastric mucosa in rats. Cesk.fysiol. 9 no.3:287-288 My '60.

1. Vyzkumny ustav pro farmacii a biochemii, Praha  
(PHENYLBUTAZONE toxicol)  
(STOMACH pharmacol)

HOROMPO, Erno

Measuring nozzles. Auto motor 14 no.18:13 S '61.

HOROMPO, Erno

---

February 11, 1893: the first carburetor. Auto motor 16 no.3:13  
6 F '63.

HOROMPO, Erno

The Skoda carburetor. Auto motor 16 no.7:13 6<sup>th</sup> Ap '63.



HOROMPOLY, Miklos, gimnaziumi tanar

Otto Herman, the great natural scientist. Borsod szemle 8 no.1:  
64-66 '64.

HOROMPOLY, Miklos

"Collecting animals" by [Dr] Laszlo Moczar, [Dr] Zoltan Kaszab,  
[Dr] Arpad Soos. Reviewed by Miklos Horompoly. Term tud kozl  
7 no.5:238 My '63.

HOROMPOLY, Miklos

"Lamarck and his age" by Istvan Benedek. Reviewed by Miklos Horompoly. Term tud kozl 7 no.10:478 0 '63.

L 29246-66

ACC NR: AF6019309

SOURCE CODE: UR/0102/65/000/003/0015/0018

AUTHOR: Horoshyn, O. I. --Goroshin, O. I. (Khar'kov)

ORG: none

TITLE: Necessary condition for providing the stability margin of a two-loop invariant system without perturbation feedback

SOURCE: Avtomatyka, no. 3, 1965, 15-18

TOPIC TAGS: automatic control system, perturbation, control system stability

ABSTRACT: The demand to increase the dynamic accuracy of automatic control systems for objects of basic chemistry compels attention to invariant systems. Considering the fact that many perturbations acting on the object cannot always be measured, it is desirable to construct invariant systems without perturbation feedback.

Although absolute invariance in real systems cannot be realized because of the impossibility of completely accurate satisfaction of the invariant condition, in many cases, by the appropriate selection of the structure and parameters of the system, it can be approximated to completely invariant with the required degree of accuracy. This explains the practical value of the principle of invariance and its application in particular for objects of basic chemistry. In real systems, obviously, the condition for invariance must conform to the condition of stability.

To ensure a stability margin in an invariant system it is necessary that the power of the degenerated characteristic equation, derived from the initial

Card 1/2

L 29246-66

ACC NR: AP6019309

characteristic equation of the system for satisfaction of the invariant condition, equal the powers of the initial equation. Conversely, if the power of the degenerated characteristic equation is less than the power of the initial, the appearance of even small factors with a negative sign at a higher power of an independent change, possible during inaccurate satisfaction of the invariant conditions, will result in the loss of stability.

How to realize this condition in a system consisting of a number of sensing elements, amplifier and object is discussed. A description of such a system in which the stability condition has been realized has already been presented. Satisfaction of the absolute invariance condition in this system requires strong control over the derivatives of the regulated value. Further discussion involves how a necessary condition of stability (i.e., the power of the degenerated characteristic equation of an invariant system should be equal to the power of the initial characteristic equation) determines the form of the transfer functions of the links of a two-loop invariant system without perturbation feedback. Orig. art. has: 1 figure, 33 formulas, and 1 table. [JPRS]

SUB CODE: 13, 09 / SUBM DATE: 24Feb64 / ORIG REF: 003

Card 2/2 CC

BRONCHIA MEDICA Soc.15 Vol.10/1 Chest Diseases Jan 57

72. HOROSZEK S. III Klin. Chor. Wewn. A. M., Gdańsk. \*Osobliwości w przebiegu klinicznym pierwotnego raka płuc. Peculiarities in the clinical course of primary lung cancer POL. ARCH. MED. WEWN. 1956, 26/3 (413-426) Ilus. 13

During the years 1952 to 1954 the author encountered many diagnostic differences in cases of primary lung cancer. In the 1st case the dominating symptom was a rather rapidly developing right ventricular circulatory failure (the clinical and radiological picture might have pointed to the diagnosis of aneurysm of the aorta). The post-mortem examination showed the presence of bronchogenic cancer, surrounding the aorta concentrically and accreted with its wall. The 2nd case showed coexistence of 3 morbid processes: neoplasm of the lungs, syphilis and heart defect. The first symptom was hemiplegia, induced by the neoplastic metastasis to the brain. In the 3rd case pains of the arm with restriction of its mobility were present. The 4th case is an example of lung abscess of neoplastic origin. The patient was operated and bore the operation well. In the 5th case the principal symptoms were pain and oedema of the joints. The radiological picture was very difficult to interpret: in the upper right lobe 3 round shadows were seen. On the basis of it tuberculomas were diagnosed. Thoracotomy showed the presence of bronchogenic cancer in a non-operative stage. The 6th case is an example of coexistence of cancer and pulmonary tb. Other examples include other symptoms: pleuritis, pneumonia, symptoms of bronchitis, of bronchial asthma, of spontaneous pneumothorax. The formation of the so-called mediastinal syndrome, disorders of the circulatory system, e.g. tamponade of pericardium, fibrillation of auricles, depends on the direct spreading of the neoplasm to the neighbouring organs. The knowledge of the course of atypical cancer of the lungs may contribute sometimes to an early diagnosis and to the operative treatment.

Dobrowolski - Warsaw (XV, 5, 16)

STALEWSKA-NIELUBSZYC, Irena; HOROSZEK, Stefania; MIRECKI, Ludwik

Cough syndrome. Polski tygod. lek. 12 no.3:86-89 14 Jan 57.

1. (Z III Kliniki Chorob Wewnętrznych A.M. w Gdansk; kierownik:  
prof. dr. med. J. Penson). Adres: Sopot, ul. Biela 7/10.

(COUGH

cough synd. (Pol))

EXCERPTA MEDICA Sec 6 Vol 13/1 Internal Med. Jan 59

390. THE EXCLUSIVELY PAINFUL FORM OF PANCREATIC CANCER - Postać  
wyłącznie bólowa raka trzustki - Horoszek S. II Klin. Chorób. Wewn.  
A. M., Gdańsk - POL. ARCH. MED. WEWN. 1957, 27/10 (1397-1404) Illus. 3  
Three cases of cancer, beginning in the head of the pancreas, are presented. In-



390

tensive pain led to operation and diagnosis; there were few other signs and symptoms and they were not significant.

(VI, 5, 16)

BOROWSKA-LEHMAN, Jolanta; HOROSZEK, Stefania; LECHOWICZ, Kontanty

Necrosis of the renal papillae. Polskie arch. med. wewn. 29 no.7:  
929-940 1959

1. Z II Kliniki Chorob Wewnętrznych A. M. w. Gdansk Kierownik: prof.  
dr med. J. Penson i z Zakładu Anatomii Patologicznej A. M. G. Kierownik:  
prof. dr nauk med. W. Czarnocki.  
(KIDNEY DISEASES, pathol.) (NECROSIS, pathol.)

HOROSZEK, Stefania

Problem of renal insufficiency in acute glomerulonephritis. Polski  
tygod. lek. 14 no.49:2146-2149 7 Dec 59.

1. (Z II Kliniki Chorob Wewnętrznych A. M. w Gdansk; kierownik: prof.  
dr Jakub Pensson).  
(GLOMERULONEPHRITIS, compl. )

HOROSZEK, Stefania; KRUPA, Barbara

A case of acquired hemolytic anemia treated with steroids during  
the course of 3 years. Polskie arch.med.wewn. 30 no.6:789-791 '60.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Gdansk Kierownik:  
prof. dr med. J.Penson  
(ADRENAL CORTEX HORMONES ther)  
(ANEMIA HEMOLYTIC ther)

HOROSZEK, Stefania

A case of necrosis of the renal cortex. Polskie arch. med. wewn. 31  
no.3:407-412 '61.

1. Z II Kliniki Chorob Wewnętrznych A.M. w Gdansk Kierownik: prof.  
dr med. J. Penson.

(KIDNEY DISEASES in pregn) (PREGNANCY compl)

HOROSZEWICZ, A.; HOROSZEWICZ, J.

Observations on the effect of penicillin and of other antibiotics on L forms of *Proteus mirabilis*. Act microb. polon 5 no.1-2:9-14 1956.

1. Z Zakladu Bakteriologii Akademii Medycznej w Lodzi.  
(PROTEUS, effect of drugs on,  
mirabilis, L form, antibiotics (Pol))  
(ANTIBIOTICS, effects,  
on *Proteus mirabilis* L form (Pol))

HOROSZEWICZ, Janusz

Preliminary studies on pleuropneumonia-like organisms in Poland.  
Polski tygod. lek. 11 no.27:1221-1223 2 July 56.

1. Z Kliniki Dermatologicznej A.M. w Lodzi; kierownik: prof. dr.  
med. Jerzy Lutowiecki i z Zakladu Bakteriologii A.M. w Lodzi;  
kierownik: prof. dr. med. Zygmunt Szymanowski. Lodz, A.M.,  
Zaklad Bakteriologii, Nowotki 137.  
(PLEUROPNEUMONIA LIKE ORGANISMS,  
isolation in Poland (Pol))

110103-1  
GANCZARSKI, A.; DUMIN-HORKAWICZ, H.; HOROSZEWICZ, J.; KASPEROWICZ, J.; ORLOWSKA, I.;  
STEMPIEN, R.; TUROWSKA, I.; WISNIEWSKA, A.

Effect of isonicotinic acid hydrazide on morphology and biology  
of Mycobacterium tuberculosis, on saprophytic bacteria, and on  
experimental tuberculosis in laboratory animals. Med. dosw. mikrob.  
5 no.3:326-329 1953. (CIML 25:5)

1. Leds.



*Horoszewicz, Julius*

POLON

✓ Changes in *Escherichia coli* in presence of chloromycetin.  
The L form of *E. coli*. Julius Horoszewicz (Akad. Med.  
Lódź, Poland). *Med. Doświadczalna i Bakteriologia* 7, 5-20  
(1955).—*E. coli* was grown in presence of 2-250  $\mu$  chloro-  
mycetin (1)/ml. broth for 2-12 days and then transferred  
to agar medium or broth. L forms were formed in presence  
of 1 and retained through several agar subcultures. The  
appearance of L forms is due to the upsetting by 1 of the  
natural balance between growth and division by direct  
action on the nucleoprotein metabolism in the cell.  
I. Z. Roberts

*Horoszewicz, J.*  
HOROSZEWICZ, J.

Effect of chloromycetin on the variability of *Escherichia coli* and  
in particular on the development of L-forms. Zhur.mikrobiol. epid.  
i immunit. no.8:117 Ag '55. (MLRA 8:11)  
(CHLOROMYCETIN) (*ESCHERICHIA COLI*)

HOROSZEWICZ, A.; HOROSZEWICZ, J.

Observations on the effect of penicillin and of other antibiotics on L forms of *Proteus mirabilis*. Act microb. polon 5 no.1-2:9-14 1956.

1. Z Zakładu Bakteriologii Akademii Medycznej w Łodzi.  
(PROTEUS, effect of drugs on,  
mirabilis, L form, antibiotics (Pol))  
(ANTIBIOTICS, effects,  
on *Proteus mirabilis* L form (Pol))

HOROSZEWICZ, Lidia

Food of predatory fishes in Vistula River. Roczniki nauki rolniczej i leśnej 84 no.2:293-314 '64.

1. Laboratory of River Farming of the Institute of Inland Water Fisheries, Warsaw.



HOROSZKO, Eugeniusz, doc. mgr. inż. (Kraków)

Automatic control of reducing arc furnaces. Bulet F 28 no.9:  
339-344 S '61.

HOROSZKO, Eugeniusz, doc. inz.

Automatic control of reduction arc furnaces. Gosp paliw 11 Special  
issue no.(95):43-45 Ja '63.

1. Akademia Gorniczo-Hutnicza, Krakow.

P. T. H.

1950. 1950. 1950.

metallurgy  
5

284

621.66 : 669.18

Horoszko E., Eng. The Operating Practices of Lifting Electromagnets.

„Eksploatacja chwytніка elektromagnetycznego”. Hutnik. No 7—8. 1950, pp. 235—238. 4 figs. 2 tabs.

Description of various types of lifting electromagnets used in metallurgy. Their advantages and disadvantages. Recommended practice in using them.



HORÓSZKÓ, Eugeniusz (Engineer)

"Automatyzacja w Hutnictwie" (Automatization in Metallurgy). Article published in *Przegląd Hutniczy*, No. 10, 1952 pages 353-358, 6 diagrams.

SO: *Wiadomości Hutnicze* (Metallurgical News), No. 3

HOROSZKO, BOGUSLAW

POL .

11697\* Utilization of Electrodes in Electric Furnaces. Use of electrodes in electric furnaces. (Wojciech Horoszek, Wladyslaw Horoszek, v. 11, no. 4, pp. 275-276, 1978).

Physical and chemical properties of electrodes; transportation, storage, installation, and their behavior in furnaces. Table, diagrams.

HOROSZKO, E.; JARZEBSKI, S.

Electric-arc furnaces for melting metals in the Foundry Department of the  
Silesian Polytechnic. p. 61. (Przegląd Odlewnictwa, Vol. 7, No. 3, Mar 1957,  
Krakow, Poland)

SC: Monthly List of East European Accessions (EEAL) LC, Vol. 6, No. 8, Aug 1957. Uncl.

HOROSZKO, E.

Types of electric resistance furnaces. Pt. 2. Heating furnaces with fixed electrodes.

P. 144 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol. 17, no.6, June 1957

SO: Monthly Index of East European Accessions (EEAI) LC Vol. 7, No. 5. 1958.

HORUSZKO, Z.

Types of electric resistance furnaces. Pt. 3. Continuous Furnaces.

P. 170 (WIADOMOSCI ELEKTROTECHNICZNE) (Warsaw, Poland) Vol. 17, no. 6, June 1957

SO: Monthly Index of East European Accessions (EEAI) IC. Vol. 7, No. 5. 1958

HOROSZKO, E.

Arc furnaces of Polish production. P. 161

PROBLEMY PROJEKTOWE HUTNICTWA. (Biuro Projektow Przemyslu Hutniczego, Biuro Projektow Przemyslu Stalowego i Biuro Projektow Przemyslu Metalowego) Clivice, Poland, Vol. 7, no. 6, June 1959

Monthly list of East European Accession (EEAI) LC., Vol. 9, No. 1, Jan 1960

Uncl.

S/137/62/000/011/003/045  
A052/A101

AUTHOR: Horoszkó, Eugeniusz

TITLE: A system of automatic control of electrodes of open-arc and enclosed-arc electric furnaces

PERIODICAL: Referativnyy zhurnal, Metallurgiya, no. 11, 1962, 15, abstract 11B90P (Pol. pat., no. 44548, June 24, 1961)

TEXT: The characteristic feature of the system of automatic position control of electrodes of 3-phase furnaces (for melting ferro-alloys and carbides) is that an individual ring reversible asynchronous electric motor is used for lifting and lowering each electrode. Each motor is controlled by two contactors and keeps automatically the electrode in the most favorable given position. For switching on the contacts of each motor a contact relay with two coils is mounted: the current coil is fed by the electrode current through a current transformer and the voltage coil by the electrode voltage. To keep the electrode position after displacement there is a revolution-directional relay coupled with the motor and braking the electrode by counter-current. By means

Card 1/2

A system of automatic control of...

S/137/62/000/011/003/045  
A052/A101

of one of its contacts the relay switches on the reverse motion contactor of the motor for the period during which the relay is switched off until the moment the motor is stopped.

S. Glebov

[Abstracter's note: Complete translation]

Card 2/2



HOROSZKO, Eugeniusz

Automatic optimal operation of steel arc furnaces. Problem  
proj hut maszyn 12 no.12:361-365 D '63.

1. Biprohut, Gliwice.

HOROSZKO, J.

2807

621.747.5222:621 654

✓ Horoszko J. Rotary Continuous Shot-Blasting Machine.

„Oczyszczarka łańcuchowo-wirnikowa”. Przegląd Odlewnictwa. No. 1. 1953, pp. 18—22, 3 figs.

Polish Technical Abst.  
No. 1 1954  
Mechanics, Electrotechnics,  
Power

✓ The Central Design Office for Foundry Machinery and Equipment in Cracow has designed a centrifugal shot-blasting machine which combines the principles and advantages of a shot-blast machine with those of a tumbling barrel. The blasting process is completely mechanised. The machine is designed to shot-blast iron castings placed inside a caterpillar chain, the C.I. shot being projected from a high-speed rotor. The superiority of this machine over others lies in the fact that it can, since it requires no compressed air, be installed in old-fashioned foundries. This is the first machine of this type that has been put into use in a Polish foundry. The author gives a detailed description of the main constructional elements, such as work chamber, caterpillar chain drive, caterpillar chain, rotor and vertical bucket shot-elevator. The article contains a technical specification of the machine and its indices of output.

HOROSZKO, Jan, mgr.inz.; KASIARSKI, Eugeniusz, inz.

The MP 030 speedmuller. Przegl odlew 12 no.7:197-203 J1 '62

HOROTBAGYI, Tibor, dr., egyetemi tanár (Godollo)

Genesis of the green flora. Pt. 2. Term tud kozl 4  
no. 11:489-491 N '60.

L 30932-66

ACC NR: AP6023134

SOURCE CODE: CZ/0060/65/000/005/0194/0196

AUTHOR: Horova, Eva (Doctor of medicine)

ORG: Psychiatric Department, UVN /headed by Lieutenant colonel, Doctor of medicine V. Stastny/ (Psychiatrické oddeleni UVN)

TITLE: Motion therapy in the rehabilitation of patients suffering from nervous diseases /This paper was presented at the Armed Forces Assembly of Military Physics, held at VLU, Piestany, in 1964./

SOURCE: Vojenske zdravotnicke listy, no. 5, 1965, 194-196

TOPIC TAGS: nervous system disease, physiotherapy, physical medicine

ABSTRACT: The classical treatment by motion therapy uses either special movements aimed at the affected part of the body or general physical activity. The movements used can be either analytical, that is specific for a given group of muscles, or synthetic, having an overall physiological effect. Exercises affecting individual muscles, influence of antagonist muscles upon agonist muscles, coordinated stereotype movements, successive induction, and the use of positional reflexes for the treatment of disorders of the CNS are described. A Czechoslovak method of conditioning aimed at the rehabilitation of stereotype movement in patients suffering from spastic paralysis or paraplegia is described. [JPRS]

SUB CODE: 06 / SUBM DATE: none / ORIG REF: 008 / SOV REF: 002

OTH REF: 004  
Card 1/1

UDC: 616.8-085.851.8-085.825

HOROVA, K.

Distr: 4E2c(j)/4E2c/4E3d

27 Separation of radium from radium D, radium E, and polonium by ethylenediaminetetraacetate. Vlastimil Vebersik and Kveta Horova (Radiologisches Inst., Prague). Z. anal. Chem. 162, 401-7 (1958). — To sep.  $Ra^{226}$  from Ra D, Ra E, and Po dissolve the mixed chlorides or bromides contg. 200 mg. Ra in 100 ml.  $H_2O$ , add 3 drops 20% HCl, add 10 ml. buffer (130 ml. HOAc + 200 ml. concd.  $NH_4OH$  + 200 ml.  $H_2O$ ), add 10 ml. 1% di-Na (ethylenedinitrilo)-tetraacetate, and boil to form the complexes of Ra D, Ra E, and Po. Add 3 ml. 10%  $(NH_4)_2SO_4$  soln. and let stand at least 6 hrs. to ppt.  $RaSO_4$ . Filter on paper and wash with 1%  $(NH_4)_2SO_4$  soln. The sepa. was checked by  $\gamma$ -ray detn. of  $Ra^{226}$ ,  $\beta$ -ray detn. of Ra D and Ra E, and  $\alpha$ -ray detn. of Po. K. G. Stone—

8  
2 may  
3

SP  
11

Sh  
0.4  
JHJ

PURCVIC, A.: STANOVIC, V.

"Determining pure cellulose in foodstuffs; a new analytic method. p. 109,  
(GLAS, Vol. 6, No. 210, 1953, Beograd, Yugoslavia)

SO: Monthly List of East European Accessions, (LEAD), 10, Vol. 4, No. 4,  
Apr 1955, Uncl.

Khorovits, A.

YUGOSLAVIA/Chemical Technology. Chemical products I-25  
and Their Application--Wood chemistry products.  
Cellulose and its manufacture. Paper.

Pub Jour: Ref Zhur-Khimiya, No 3, 1957, 10029

Author : Khorovits, A. and Pavlovich, D.

Inst : Not given

Title : Khorovits, A.: Investigation of the Simple  
Ethers of Cellulose. II. The Appearance of  
Thixotropy in Solutions of Carboxymethylcellulose;  
Its Dependence on the Degree of Substitution  
and on Extent of Polymerization. Khorovits, A.  
and Pavlovich, D.: III. Dependence of the  
Viscosity of Carboxymethylcellulose on the Degree  
of Substitution.

Orig Pub: Glasnik Khimiskog drustva, 1953, Vol 13, No 3,  
185-194; No 9, 567-588 (in Serbo-Croatian with  
an English summary)

Card 1/1



YUGOSLAVIA/Chemical Technology. Chemical Products I-25  
and Their Application--Wood chemistry products.  
Cellulose and its manufacture. Paper.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10029

Abstract: II. The dependence of the thixotropy of solutions of carboxymethylcellulose (I) on the degree of substitution (DS) for equal extent of polymerization (EP) and on the EP at equal DS has been investigated. A Hoppler viscometer was used in the investigations. The effect of DS was studied in I obtained from cellulose which had been subjected to prior aging at 30° for 3, 6, 9, 12, and 24 hours. Solutions of I of high DS ( $\gamma$ -135 and 190) are not thixotropic; this is explained by the unsymmetry of the macromolecules which inhibits structure formation in the solution. The greatest thixotropy was observed at  $\gamma$  = 70; at that DS the macromolecules exhibit greater symmetry which permits them to approach each other closer and structure formation thus can

Card 2/4

YUGOSLAVIA/Chemical Technology. Chemical Products I-25  
and Their Application--Wood chemistry products.  
Cellulose and its manufacture. Paper.

Abs Jour: Ref Zhur-Khimiya, No 3, 1957, 10029

Abstract: take place in the solution. A decrease in the EP of I leads to a reduction in the thixotropy of the solutions.  
III. Preparations of I with DS and  $\gamma$  = 20-200 have been investigated. The viscosity of solutions of I increases as the DS is gated. The Viscosity of solutions of I increases as the DS is increased, passes through a maximum, decreases, passes through a minimum, and again increases. This behavior is explained as follows. The cellulose molecule becomes more extended as the number of substituents increases, thus encountering more resistance during passage through capillaries and offering greater resistance to a falling sphere. The introduction of substituents decreases the number of hydrophilic OH groups and the degree of hydration

Card 3/4

RECU.10, n.

Horovic, A.; Svetel, D. "The thixotrophy of mercurisulfosalicylic acid solutions. I. The formation mechanism of mercuri-sulfosalicylic acid." p. 55. (Hiroda. Vol. 12, no. 9, 1953. Zagreb)

SOF Monthly List of East European Accessions, Vol. 3, no. 3. Library of Congress. March 1954.  
Uncl.

HOROVIC, A.

Horovic, A.; Pavlovic, D. "A contribution to the study of cellulose. III. The relationship between the viscosity and the degree of substitution of carboxymethyl cellulose." p. 567. (Priroda. Vol. 18, no. 9, 1953. Zagreb)

SO: Monthly List of East European Accessions, Vol. 3, no. 3. Library of Congress. March 1954. Uncl.

Horovic, A.

Relation between electrical conductivity and degree of substitution in aqueous solutions of carboxymethylcellulose. A. Horovic, B. Stamenković and V. Dragović (Mitt. Soc. Chim. Belgrad, 1953, 85-103).—Investigations into the relation between electrical conductivity (E.C.) and degree of substitution (D.S.) in aq. (alcohol or acetone) solutions of carboxymethylcellulose comprise measurements on derivatives of D.S. 0.12–0.69 in 0.04–0.001 M. concentrations. It was found that E.C. decreases in proportion to the increasing number of substituents introduced in the glucopyranose unit, which leads to the conclusion that the value of E.C. depends on the number of free unsubstituted hydroxyl groups. The results of E.C. measurements on carboxymethylcellulose with different D.S. in solutions of 10, 20, 30 and 40% ethanol (v/v) support this assumption. It is suggested that the continuous decrease of E.C. with increasing D.S. may be due to the dehydrating action of ethanol. (23 references.) I. S.

M. A. KOUTZ  
5 copies

PM

COUNTRY : Yugoslavia H-33  
 CATEGORY :  
 ABS. JOUR. : RZKhim., No. 5 1960, No. 20439  
 AUTHOR : Horovic, A.  
 INST. : Not given  
 TITLE : The Degradation of Paper. II. Prevention and Protection.  
 ORIG. PUB. : Zast Mater, 6, No 12, (1958); Tekstil, Koza, Guma i Plast Masa, 1, No 6, 45-46 (1958)  
 ABSTRACT : The author discusses the economic aspects of the damage caused by the formation of slime in paper production and the selection of preventive measures for the elimination of microbiological damage to paper production. For Part I see RZKhim, 1959, No 18, 66668.

From author's summary

CARD: 1/1

412

HOROVITZ, B

4  
3  
8

AS  
Hitt  
/ Carafoli, E., et Horovitz, B. L'écoulement supersonique  
autour d'une aile triangulaire à disques marginaux. 1 - F/W  
Com. Acad. R. P. Române 3 (1953), 395-404. (Romanian.  
Russian and French summaries)

AS  
Hitt  
Carafoli, E. and Horovitz, B. a/c  
Supersonic flow around a triangular wing  
with marginal discs.  
Source: Com. Acad. R. P. Române 3 (1953), p.  
395-404. (Romanian. Russian and French summaries)

Rail  
246

Horowitz, Beatrice

Carafoli, Elie, et Horowitz, Beatrice. L'influence des  
disques axiaux sur l'écoulement supersonique autour  
des ailes angulaires coniques, à épaisseur et incidence  
variables. Com. Acad. R. P. Rouine 4, 271-283 (1954) 1 - P/W  
(Romanian Russian and French summaries)

(1)

11K

HOROVITZ, BEATRICE

Ample A. ...  
Article ...  
Special ...  
to ...  
for ...  
the ...  
the ...  
the ...

2/1



1994. Caroteli, E., and Maravitz, Beatrice, On the angular wing  
 with axial plates having antisymmetrical incidence (in  
 Roumanian), *Studii si cercetari Mecan. appl.* 7, 2, p. 307, 1956.

Proceeding from Hussman's transformation, an homologous  
 function  $f = u + iv$  is determined, where  $u$  is the component in  
 the stream direction of the disturbance velocity, which is then  
 used in order to deduce the pressure coefficient. Considering

that the disk has constant but different incidences on the portions  
 situated under or above the wing, the conditions which should be  
 accomplished by the components of the total disturbance velocity  
 are written in the case of thin or symmetrical thick wings.

The results are first applied to the rectangular wing fitted with  
 marginal disks, for which the lift, drag, and rolling moments are  
 calculated, and then to the cruciform wing with antisymmetrical  
 incidence and inclined with the Mach cone, for which the rolling  
 moment is determined.

The final formulas are simple and allow the numerical calculations  
 for various elements, i.e., airplane and rocket tails and so  
 on, to be readily effectuated.

N. Tigei, Roumania

RHA/SEA

Monthly Index of East European Research (EEER) Vol.

7, no. 2.

HOROVITZ, B., ing.

Some problems of the replacement of leather driving belts.  
Industria usoara 3 no.7:266-269 Ag [i.e.J1] '56.

HOROVITZ, B.

HOROVITZ, B. Dimensional standardization of sliding bearings. p. 22.

Vol. 8, no. 11, Nov. 1956

STANDARDIZAREA

TECHNOLOGY

Bucuresti, Rumania

So: East European Accession, Vol. 7, no. 3, March 1957

HOROVITZ, B.

Nomograms for the calculation of the magnitude of roller bearings. p. 57.  
(METALURGIA SI CONSTRUCTIA DE MASINI. Vol. 9, no. 3, Mar. 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957  
Uncl.

# Homogeneous Supersonic Flow Around an Angular Wing

Carafoli, Elle; and Horovitz, Béatrice. L'écoulement supersonique homogène, d'ordre supérieur, autour d'une aile angulaire à plaque normale. Acad. R. P. Roum. Stud. Cerc. Mec. Apl. 8 (1957), 959-974. (Romanian. Russian and French summaries)

Consider a body composed approximately of two sectors of the  $x_1x_2$  and  $x_1x_3$  planes, with common vertices at the origin. To find the linearized supersonic flow about it parallel to the  $x_1$ -axis with velocity distributions on wing and plate of a type described below, the author seeks a velocity potential  $\Phi(x_1, x_2, x_3)$  that is homogeneous of order  $n$  in  $x_1, x_2, x_3$ . By Euler's formula the velocity components  $u = \Phi_{100}$ ,  $v = \Phi_{010}$ ,  $w = \Phi_{001}$  are expressible as linear combination of  $\Phi_{pqr} = \partial^p \Phi / \partial x_1^p \partial x_2^q \partial x_3^r$ ,  $p+q+r=n$ , with coefficients that are known functions of  $x_1$ ,  $y = x_2/x_1$ , and  $z = x_3/x_1$ . On the wing, approximately in the  $x_1x_2$  plane, for example,  $(n-1)!w/x_1^{n-1} = \sum_{q=0}^{n-1} C_{n-1,q} \Phi_{n-q-1,q,1}$  where  $C_{n-1,q}$  is a binomial coef-

3

1-FW

Carafolij, Elie; and Horowitz, Béatrice  
 ficient. To obtain normal velocity distributions of the  
 type  $w = \sum_{n=1}^{\infty} w_{n,q-1,q} x_1^{n-1} x_2^q$  on the wing, impose the  
 boundary conditions  $C_{n-1,q} \Phi_{n,q-1,q} = (n-1) w_{n,q-1,q}$ .  
 Also, impose a homogeneous polynomial distribution of  
 normal velocity on the plate in the  $x_1 x_2$ -plane. As in  
 conical flow,  $\Phi_{p,q,r}$  are harmonic functions of certain  
 distorted coordinates  $\eta, \zeta$  in the  $yz$ -plane. Let  $\Phi_{p,q,r}'$  be  
 the conjugate harmonic functions, and let  $F_{p,q,r}(\xi) =$   
 $\Phi_{p,q,r} + i \Phi_{p,q,r}'$ , where  $\xi = \eta + i\zeta$ . By virtue of certain  
 compatibility relations among  $F_{p,q,r}$ , it suffices to find  
 only  $F_{n,0,0}$  for which  $\Phi_{n,0,0} = 0$  on  $|\xi| = 1$  and  $\Phi_{n,0,0} = 0$   
 on the segments of the real and imaginary axes that  
 correspond to wing and plate. By considering the nature  
 of the singularities expected at the leading edges of wing  
 and plate, the author is able to determine  $F_{n,0,0}$  ex-  
 plicitly.

J. H. Giese (Aberdeen, Md.)

3  
1

212

Horovitz, B. ; Carafoli, E.

Cruciform wings; mixed problems of triangular wings fitted with perpendicular plate in supersonic flow. p. 819.

Academia Republicii Populare Romine. STUDII SI CERCETARI DE MECANICA APLICATA. Bucuresti, Rumania. Vol. 9, no. 4, 1958.

Monthly List of East European Accessions (EEAL) LC Vol. 9, No. 2, January 1960.

Uncl.

HOROVITZ, B., ing.

Some results of the tests practically applied to the durability of  
trapezoid belts made in Rumania. Industria usoara 8 no.9:337-339  
S '61.

(Rumania—Belts and belting)



NADASAN, St.; ROTHENSTEIN, B.; HOROVITZ, B.; SAFTA, V.; KREMER, I.;  
GOLEA, A.

Influence of cathodic hydrogen on the fatigue resistance of carbon  
steel covered with nickel by electrolytic method. Studii tehn  
Timisoara 10 no.2:241-247 JI-D '63.

HOROVITZ, B.

Reduction of specific metal consumption. p. 7.  
(TEHNICA NOUA. RUMANIA. Vol. 3, no. 58, July 1956.)

SO: Monthly List of East European Accessions (EEAL) LC, Vol. 6, no. 7, July 1957. Uncl.

HOROVITZ, R.

Problem of standardization of terminology and symbols in the calculation of fatigue resistance to variable stress. p. 1.

ZAREA, Bucuresti, Vol 8, No.3, Mar., 1956

SO: East European Accessions List (EEAL) LIBRARY OF CONGRESS, Vol. 5, No. 7, July, 1956

Horovitz, B

HOROVITZ, B.

HOROVITZ, B. Contributions to the calculation of some machine parts. p. 18.

Vol. 8, no. 11, Nov. 1956  
METALURGIA SI CONSTRUCTIA DE MASINI.  
TECHNOLOGY  
RUMANIA

So: East European Accession, Vol. 6, No. 5, May 1957

HOROWITZ, B.

Necessity of standardizing the admissible resistance and the security coefficients.

p. 325.

(STANDARIZAREA. Vol. 9, no. 7, July 1957, Rumania)

SO: Monthly List of East European Accessions (EEAL) LC. Vol. 6, No. 12, Dec. 1957

Uncl.

S/123/62/000/C20/001/007  
A006/A101

AUTHORS: Nádășan, St., Rothenstein, B., Horovitz, B., Safta, V.

TITLE: Increasing the fatigue strength of steel by means of electrolytical coating with Ni-Fe alloy

PERIODICAL: Referativnyy zhurnal, Mashinostroyeniye, no. 20, 1962, 16, abstract 20A85 ("Studii si cercetări științe tehn. Acad. RPR, Baza Timișoara", 1961, v. 8, no. 3 - 4, 267 - 270, Roumanian; summaries in Russian and French)

TEXT: By coating carbon steel (0.5% C) with Ni-Fe alloy (79% Ni), fatigue strength is increased by 7%. Fatigue curves are presented of steel specimens coated with a 25-micron thick Ni-Fe layer and without it.

[Abstracter's note: Complete translation]

Card 1/1

*Corres mbr Acad. R.P.R. si membru al Comitetului  
de redactie "Studii si cercetari, stiinta tehnica"*

*HOROVIT B.*  
SHTEFAN NEDESHAN [*Stefan Nădăsan*], prof., *KHOROVITS*, Bernard [*Horovîț*,  
Bernard] dotsent; USOV, A.M.; IVANOVA, V.S.

Rapid method for determining the fatigue limit from critical fatigue stresses. Zav.lab. 27 no.11:1430-1435 '61. (MIRA 14:10)

1. Filial AN Rumynskoy Narodnoy Respubliki, Timishoara (for *Stefan Nădăsan*, *Horovîț*, Bernard). 2. Tsentral'nyy nauchno-issledovatel'skiy institut Ministerstva putey soobshcheniya (for *Usov*). 3. Institut metallurgii imeni A.A.Baykova AN SSSR (for *Ivanova*).  
(Metals--Fatigue)

HOROVITZ, Bernard

A new method of belt drive calculation. Konstruktor was 16 no. 12-672-677  
D 164.



NADASAN, St.; HOROVITZ, B.; ROTHENSTEIN, B.; SAFTA, V.; GOLEA, A.

Influence of the composition of Ni-Fe layer on the resistance to fatigue of the high-quality carbon steel. Studii tehn Timisoara 9 no.1/2:29-35 Ja-Je '62.

1. Membru corespondent al Academiei R.P.R. si membru al Comitetului de redactie, "Studii si cercetari, Stiinte tehnice" - Timisoara - (for Nadasan).

HOROVITZ, Bernard, ing.; SAFTA, Voicu, ing.

Experimental study of constructive measures in order to increase the fatigue resistance of screw cut pieces. Metalurgia constr mas 14 no.5:426-429 My '62.

1. Institutul politehnic, Timisoara.

HOROVITZ, Bernard, ing.; SAFTA, Voicu, ing.

Contributions to the study of the effect of discharging slots and rolling on the fatigue resistance due to rotative flexion of screw-out pieces. Metalurgia constr mas 14 no.11:1014-1018 N '62.

1. Institutul politehnic, Timisoara.

HOROVITZ, Bernard, conf. ing.; KREMER, Iosif, ing.

Experimental determination of the equivalent bending  
elasticity module of v-belts. Industria usora 11 no.6:300-303  
Je '64.